

In the Claims:

1           1.       (Currently Amended) A method for registering a subscriber unit with a home agent in a  
2 cellular system, the method comprising:  
3           storing addresses for a plurality of home agents in the subscriber unit, wherein the plurality of  
4 home agents includes a primary home agent and a plurality of secondary home agents;  
5           attempting registration with the primary home agent;  
6           failing to achieve registration with the primary home agent;  
7           the subscriber unit selecting a secondary home agent from the the plurality of secondary home agents  
8 in an attempt to balance load among the plurality of secondary home agents; and  
9           attempting registration with the secondary home agent.

1           2.       (Previously Presented) The method of claim 1, further comprises:  
2           the subscriber unit rank ordering the plurality of secondary home agents into at least a first  
3 secondary home agent and a second secondary home agent.

1           3.       (Original) The method of claim 2, further comprising:  
2           attempting registration with the first secondary home agent;  
3           failing to achieve registration with the first secondary home agent; and  
4           attempting registration with the second secondary home agent.

1           4.       (Previously Presented) The method of claim 2, wherein the subscriber unit rank ordering  
2 the plurality of secondary home agents into at least a first secondary home agent and a second secondary  
3 home agent comprises:  
4           the subscriber unit generating a random number; and  
5           the subscriber unit using the random number to rank order the plurality of secondary home  
6 agents.

1           5.       (Previously Presented) The method of claim 2, wherein the subscriber unit rank ordering  
2 the plurality of secondary home agents into at least a first secondary home agent and a second secondary  
3 home agent comprises:  
4           the subscriber unit determining a current date; and  
5           the subscriber unit using the current date to rank order the plurality of secondary home agents.

1           6.       (Previously Presented) The method of claim 2, wherein the subscriber unit rank ordering  
2 the plurality of secondary home agents into at least a first secondary home agent and a second secondary  
3 home agent comprises:

4           the subscriber unit determining a current time; and

5           the subscriber unit using the current time to rank order the plurality of secondary home agents.

1           7.       (Original) The method of claim 1, wherein the plurality of addresses for the home agents  
2 stored in the subscriber unit is programmed by a service provider prior to delivering the subscriber unit to  
3 its subscriber.

1           8.       (Original) The method of claim 1, wherein the plurality of addresses for the home agents  
2 stored in the subscriber unit is programmed by the service provider using over the air access.

1           9.       (Original) The method of claim 1, wherein at least some of the plurality of addresses for  
2 the home agents stored in the subscriber unit is reprogrammed by the service provider using over the air  
3 access.

1           10.     (Previously Presented) A method for registering a subscriber unit with a home agent in a  
2 cellular system, the method comprising:

3           storing addresses for a plurality of home agents in the subscriber unit, wherein the plurality of  
4 home agents includes a primary home agent and a plurality of secondary home agents;

5           attempting registration with the primary home agent;

6           failing to achieve registration with the primary home agent;

7           the subscriber unit rank ordering the plurality of secondary home agents into at least a first  
8 secondary home agent and a second secondary home agent in an attempt to balance load among the  
9 plurality of secondary home agents; and

10          attempting registration with the first secondary home agent.

1           11.     (Original) The method of claim 10, further comprising:

2           failing to achieve registration with the first secondary home agent; and

3           attempting registration with the second secondary home agent

1           12.     (Previously Presented) The method of claim 10, wherein the subscriber unit rank ordering  
2 the plurality of secondary home agents into at least a first secondary home agent and a second secondary  
3 home agent comprises:

4           the subscriber unit generating a random number; and

5           the subscriber unit using the random number to rank order the plurality of secondary home  
6 agents.

1           13.     (Previously Presented) The method of claim 10, wherein the subscriber unit rank ordering  
2 the plurality of secondary home agents into at least a first secondary home agent and a second secondary  
3 home agent comprises:

4           the subscriber unit determining a current date; and

5           the subscriber unit using the current date to rank order the plurality of secondary home agents.

1           14.     (Previously Presented) The method of claim 10, wherein the subscriber unit rank ordering  
2 the plurality of secondary home agents into at least a first secondary home agent and a second secondary  
3 home agent comprises:

4           the subscriber unit determining a current time; and

5           the subscriber unit using the current time to rank order the plurality of secondary home agents.

1           15.     (Currently Amended) A subscriber unit that operates within a cellular system, the  
2 subscriber unit comprising:

3           an antenna;

4           a radio frequency unit coupled to the antenna; and

5           at least one digital processor coupled to the radio frequency unit that executes software  
6 instructions causing the subscriber unit to:

7           store addresses for a plurality of home agents in the subscriber unit, wherein the plurality of home  
8 agents includes a primary home agent and a plurality of secondary home agents;

9           attempt registration with the primary home agent;

10          failing to achieve registration with the primary home agent;

11          select a secondary home agent from the the plurality of secondary home agents in an attempt to  
12 balance load among the plurality of secondary home agents; and

13          attempt registration with the secondary home agent.

1           16.     (Previously Presented) The subscriber unit of claim 15, wherein execution of the software  
2 instructions further causes the subscriber unit to:

3           rank order the plurality of secondary home agents into at least a first secondary home agent and a  
4 second secondary home agent.

1           17.     (Original) The subscriber unit of claim 16, wherein execution of the software instructions  
2 further causes the subscriber unit to:

3           attempt registration with the first secondary home agent;

4           fail to achieve registration with the first secondary home agent; and

5           attempt registration with the second secondary home agent.

1           18.     (Original) The subscriber unit of claim 17, wherein in rank ordering the plurality of  
2 secondary home agents into at least a first secondary home agent and a second secondary home agent,  
3 execution of the software instructions further causes the subscriber unit to:

4           generate a random number; and

5           use the random number to rank order the plurality of secondary home agents.

1           19.     (Original) The subscriber unit of claim 17, wherein in rank ordering the plurality of  
2 secondary home agents into at least a first secondary home agent and a second secondary home agent,  
3 execution of the software instructions further causes the subscriber unit to:

4           determine a current date; and

5           use the current date to rank order the plurality of secondary home agents.

1           20.     (Original) The subscriber unit of claim 17, wherein in rank ordering the plurality of  
2 secondary home agents into at least a first secondary home agent and a second secondary home agent,  
3 execution of the software instructions further causes the subscriber unit to:

4           determine a current time; and

5           use the current time to rank order the plurality of secondary home agents.

1           21.     (Original) The subscriber unit of claim 15, wherein the plurality of addresses for the  
2 home agents stored in the subscriber unit is programmed by a service provider prior to delivering the  
3 subscriber unit to its subscriber.

1           22.     (Original) The subscriber unit of claim 15, wherein the plurality of addresses for the  
2 home agents stored in the subscriber unit is programmed by the service provider using over the air access.

1           23.     (Original) The subscriber unit of claim 15, wherein at least some of the plurality of  
2 addresses for the home agents stored in the subscriber unit is reprogrammed by the service provider using  
3 over the air access.